

LIGHTSheer™ EP

DIODE LASER SYSTEM

- First in permanent hair reduction utilizing state-of-the-art, pulsed diode technology.
- Optimal parameters enhance safe treatment for the widest range of skin types.
- The patented ChillTip™ handpiece with a 9 mm square spot actively cools while protecting the epidermis and allowing higher treatment fluences.
- Unique compression technique decreases the distance to deep follicular papillae, increasing transmission and efficiency.
- User-friendly and minimal controls allow choice of optimal parameters with repeatability.
- Compact design facilitates movement between multiple sites.
- Much higher peak power than any other diode laser system, providing maximum effectiveness.



Over Thirty Years of Proven Results

Since its founding in 1966, Coherent has offered an unparalleled level of expertise and commitment to our customers. The LightSheer product line exemplifies our goal of continuing to bring you valuable, differentiated systems backed by solid engineering and responsive service. With Coherent, you can count on us being there to help you for years to come.



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LIGHTSHEER EP DIODE LASER SYSTEM SPECIFICATIONS

Laser Type	AlGaAs Diode Arrays, Pulsed
Wavelength	800 nm
Peak Power	1600 watts
Repetition Rate	Up to 2 Hz
Spot Size	9 mm (square)
Fluence	10 - 60 J/cm ²
Pulse Width	5 - 30 ms OptiPulse™
Electrical Supply	100-120 VAC 12 amps; 220-240 VAC 6 amps; 50-60 Hz
Cooling	Self-contained, closed cycle
Weight	95 lbs (43 kg)
Dimensions	14.5 in x 15 in x 35 in (37 cm x 38cm x 89 cm)

The LightSheer EP Diode Laser System was cleared for permanent hair reduction based on a prospective clinical study conducted at leading research centers.** The system was optimized based on feedback from this clinic study. The wavelength, long pulse width, large spot size, contact cooling, and compression were chosen to provide the optimal parameters for safety and efficacy.

The technology integrated in the LightSheer is the newest innovation in lasers based on semiconductor diode technology. The inherent reliability of these high powered diodes allows Coherent to offer a two-year, unlimited usage warranty on the diode arrays—the key component in the system. This technology minimizes the cost of ownership as there are no special utilities required and no consumables.

The LightSheer is also cleared for the treatment of leg veins in skin types I-V. A study at the Wellman Laboratories of Photomedicine highlighted its efficacy and safety in treating a specific class of vessels.**

Coherent is the world leader in laser hair removal systems. More LightSheer Diode Systems have been delivered than any other system.

**Contact Coherent for reprints.



The ChillTip handpiece conveniently rests in the storage port between treatments, then disappears into the fitted pocket within the storage compartment.



The patented ChillTip handpiece represents a breakthrough in patient safety and comfort. It provides superior epidermal protection.



The laser system's modular design facilitates transport between multiple offices, enhancing the return on investment.



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